

SECRET



25X1

I  
MAGERY  
A  
NALYSIS  
D  
IVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

STATUS OF NORTH VIETNAMESE RAILROADS

Declass Review by NIMA/DOD

Report No. II  
CIA/PIR 75043

DATE Oct. 1966

GROUP 1  
Excluded from automatic  
downgrading and declassification

SECRET

25X1

W A R N I N G

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.



~~SECRET~~

CIA IMAGERY ANALYSIS DIVISION

## PREFACE

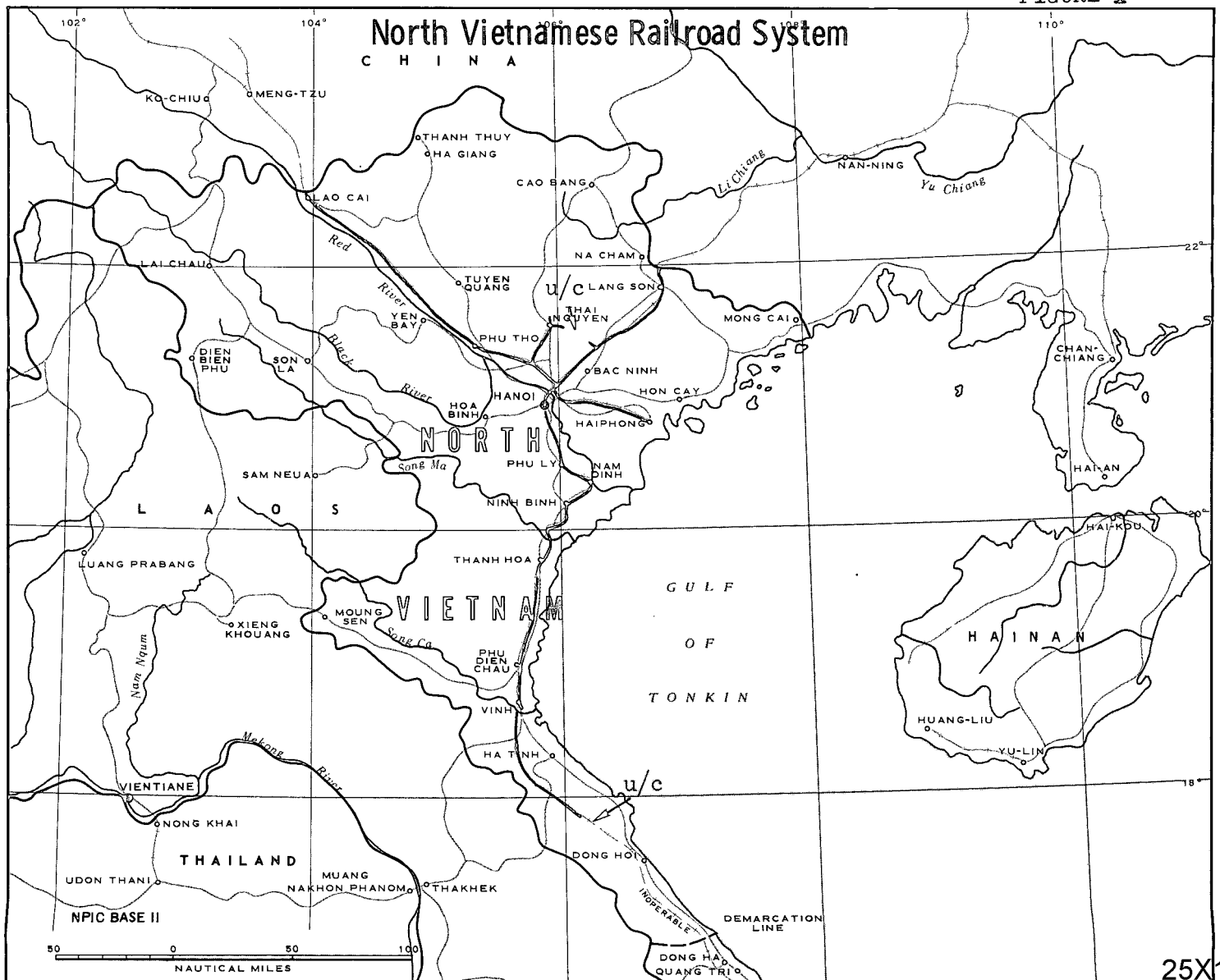
This report summarizes significant items of photo intelligence relating to the North Vietnamese railroad system which has been developed from available photography (received by the CIA Imagery Analysis Division) during the period indicated on the cover. This report is intended to provide a comprehensive view of the railroad system and does not necessarily reflect the most recent status changes as reported by pilots' reports or field photo intelligence cables.

The railroad system has been broken down into 5 major lines: the Hanoi/Lao Cai Line, the Hanoi/Dong Dang Line, the Hanoi/Haiphong Line, the Hanoi/Dong Hoi Line and the Thai Nguyen Line (Figure I). Annotated maps and photos are used to show the status of each line.

~~SECRET~~

SECRET

PIR 75043  
FIGURE 1



SECRET

~~SECRET~~

25X1

CIA IMAGERY ANALYSIS DIVISION

## SUMMARY

A total of 9 interdictions were observed on the Hanoi/Dong Hoi Rail Line. The Hai Duong Railroad and Highway Bridge on the Hanoi/Haiphong Rail Line is once more serviceable. Lack of photography precludes any evaluation of the status of the Hanoi/Lao Cai, Hanoi/Dong Dang and Thai Nguyen Rail Lines.

## CONTENTS

Hanoi/Lao Cai Rail Line	Page 4
Hanoi/Dong Dang Rail Line	5
Hanoi/Dong Hoi Rail Line	6
Hanoi/Haiphong Rail Line	18
Thai Nguyen Rail Line	20

~~SECRET~~

25X1

PIR 75043  
FIGURE 2

KEY

All maps within this report have been keyed in the following manner:

- o Main bridge destroyed - new serviceable.
- o Bypass bridge or bridge serviceable.
- Main bridge unserviceable.
- o No bridge crossing facilities serviceable.
- ▲ Bypass bridge under construction.
- Original bridge has not been damaged or destroyed based on available photography.
- Extent of rail line covered by available, interpretable photography.
- Line of interest. Refer to the line number within the section for further information.

All intelligence developed within the reporting period is printed in red, other intelligence is printed in black.

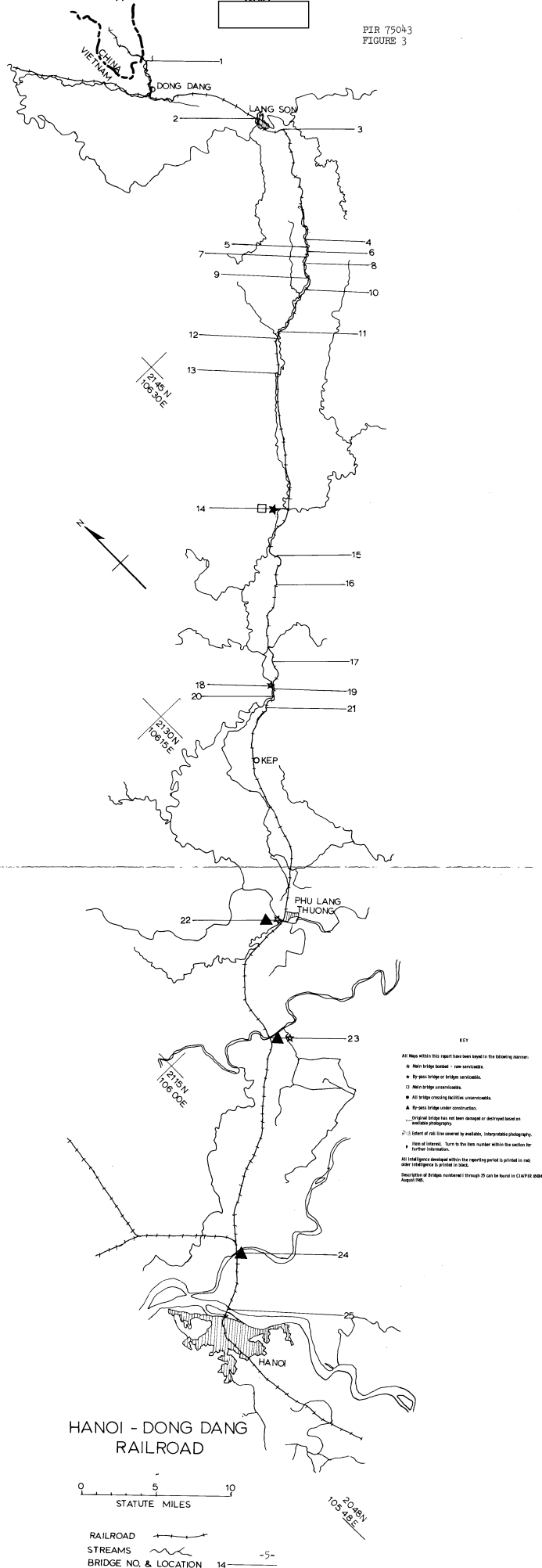
Description of bridges numbered 1 through 76 can be found in CIAPIR 0001, August 1965.

HANOI - LAO CAI  
RAILROAD

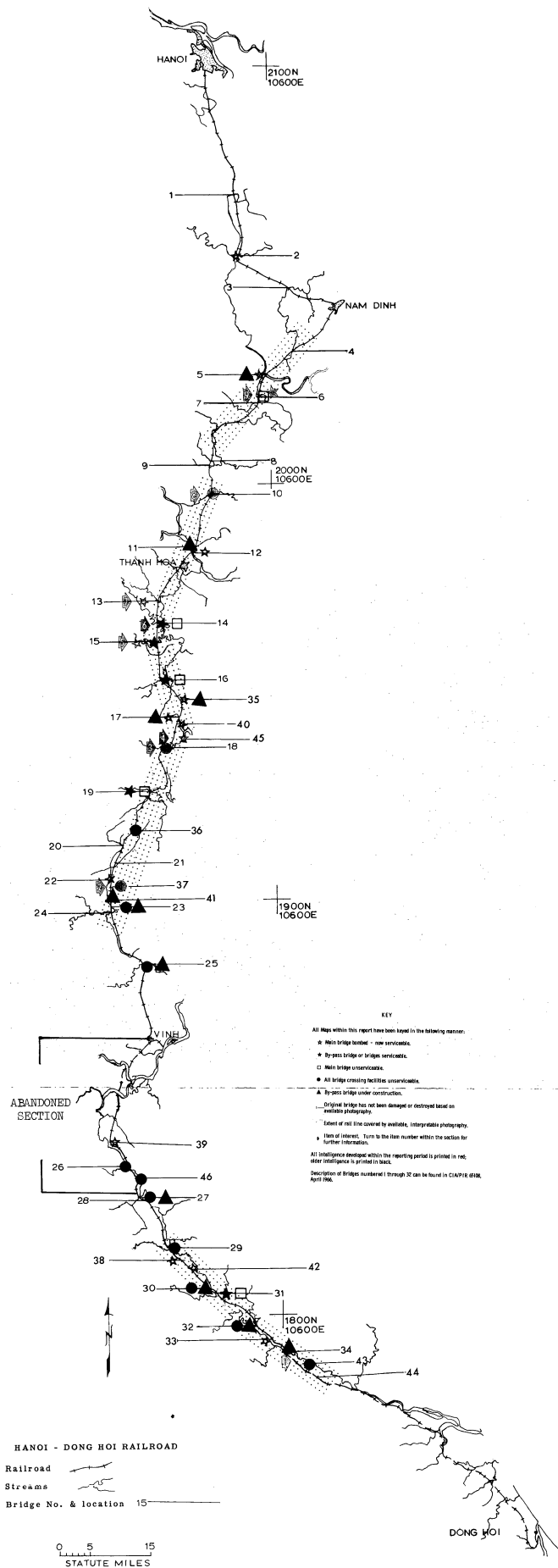
0 5  
STATUTE MILES

SECRET

PIR 75043  
FIGURE 3





PIR 75043  
FIGURE 4

~~SECRET~~

PIR 75043

25X1

CIA IMAGERY ANALYSIS DIVISION

ITEM OF INTEREST NO. I: Hanoi/Dong Hoi Rail Line

NAME: Rolling Stock

BE: NA

COORDINATES: 17 54N - 106 00E, XE062802

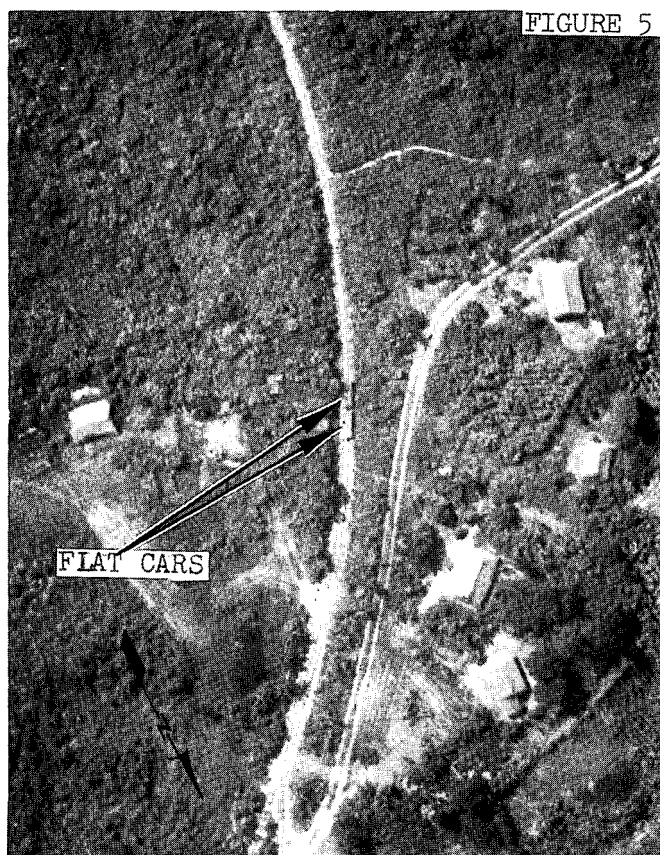
PHOTO REFERENCE: [REDACTED]

MAP REFERENCE: JOG (A), 1501, NE 48-11

25X1

Photography [REDACTED] revealed the presence of 2 flat cars 0.1 nm south of the Rao Nay (River). This segment of the Hanoi/Dong Hoi Rail Line is currently under construction and has not been joined to the operational portion of the rail line. The origin of the rolling stock is not known; it may have been transported by unknown means over the Rao Nay (River) or it may be old French equipment abandoned many years ago when this rail segment was destroyed.

25X1



7

~~SECRET~~

25X1

~~SECRET~~

PIR - 75043

CIA IMAGERY ANALYSIS DIVISION

25X1

ITEM OF INTEREST NO. 2: Hanoi/Dong Hoi Rail Line

NAME: Dong Khe RR Bridge

25X1

BE:

COORDINATES: 19 04N - 105 35E, WG 618081

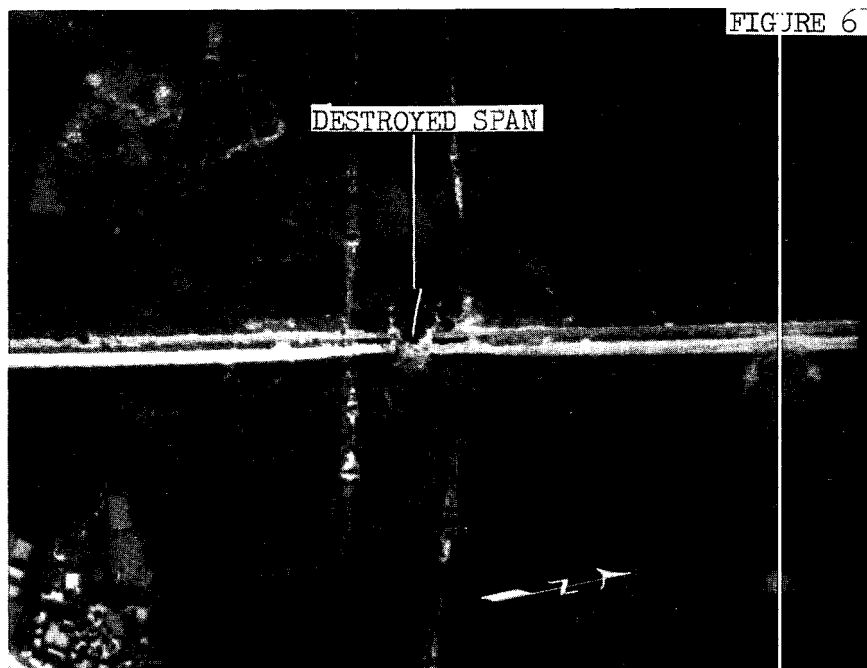
25X1

PHOTO REFERENCE:

MAP REFERENCE: JOG (A), 1501, NE 48-3

25X1

Photography  revealed that the 3-span Dong Khe Railroad Bridge is unserviceable. The center span has been completely destroyed.



~~SECRET~~

X1

~~SECRET~~

PIR 75043

25X1

CIA IMAGERY ANALYSIS DIVISION

ITEM OF INTEREST NO. 3: Hanoi/Dong Hoi Rail Line

NAME: Dia Thuy RR Bridge

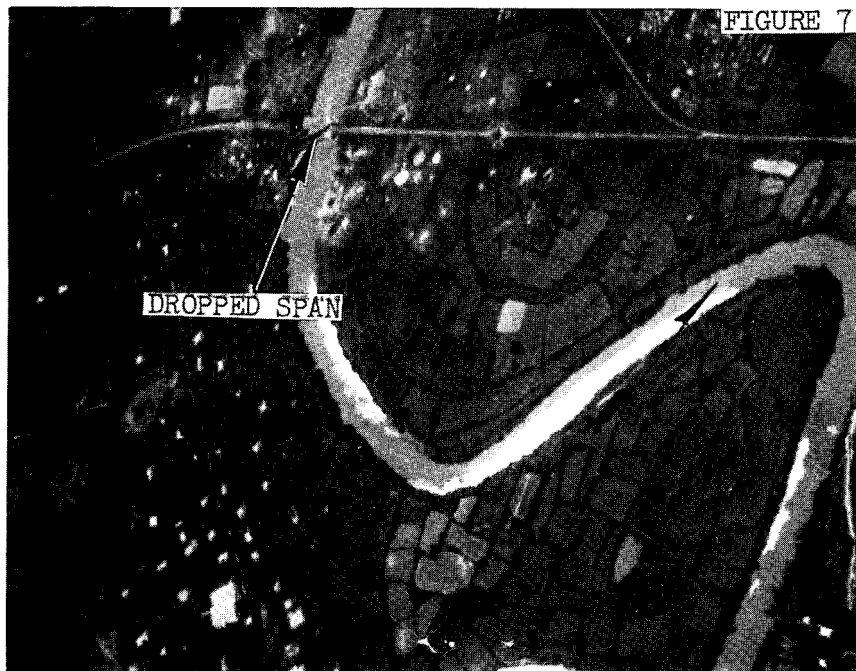
BE:

COORDINATES: 19 22N - 105 43E, WG 756417

PHOTO REFERENCE:

MAP REFERENCE: JOG (A), 1501, NE 48-3

Photography  revealed that the single span Dia Thuy Railroad bridge has been dropped.



~~SECRET~~

~~SECRET~~



PIR 75043

CIA IMAGERY ANALYSIS DIVISION

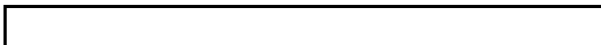
ITEM OF INTEREST NO. 3 (Continued): Hanoi/Dong Hoi Rail Line

NAME: Dia Thuy RR By-pass Bridge


BE: NA

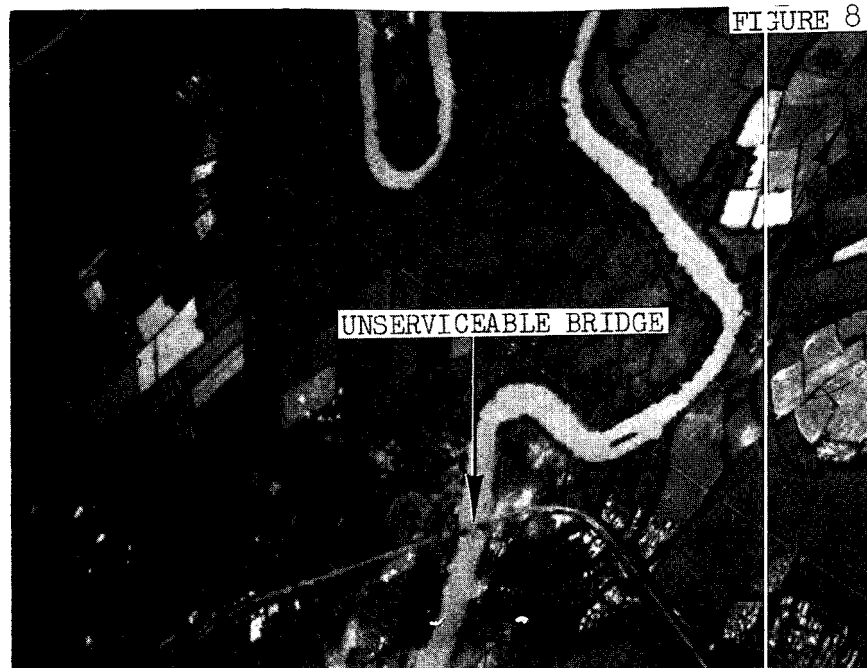
COORDINATES: 19 22N - 105 43E, WG 756418

PHOTO REFERENCE:



MAP REFERENCE: JOG (A), 1501, NE 48-3

Photography  revealed that the 6-span Dia Thuy Railroad By-pass Bridge is unserviceable. Two spans have been completely destroyed.



~~SECRET~~



~~SECRET~~

PIR 75043

25X1

CIA IMAGERY ANALYSIS DIVISION

ITEM OF INTEREST NO. 4: Hanoi/Dong Hoi Rail Line

NAME: Phu Cu RR Bridge

BE:

COORDINATES: 19 22N - 105 45E, WG 780429

PHOTO REFERENCE:

MAP REFERENCE: JOG (A), 1501, NE 48-3

Photography  revealed that the Phu Cu Railroad Bridge has been repaired and is probably serviceable.

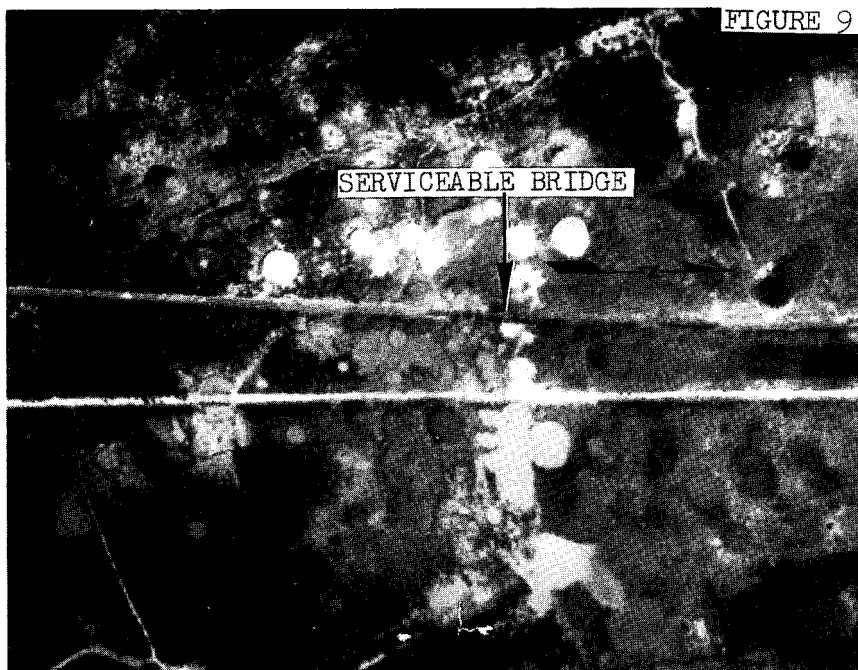


FIGURE 9

~~SECRET~~

25X1

~~SECRET~~

PIR 75043

CIA IMAGERY ANALYSIS DIVISION

25X1

25X1

ITEM OF INTEREST NO. 5: Hanoi/Dong Hoi Rail Line

NAME: Trong Quang Tien RR Bridge

BE:

COORDINATES: 19 37N - 105 42E, WG 740696

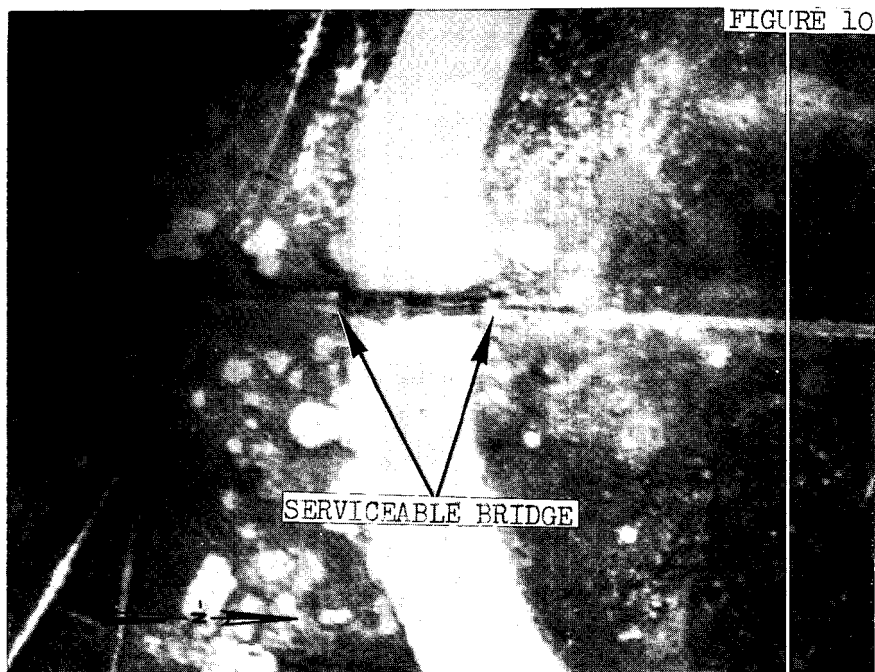
PHOTO REFERENCE:

25X1

MAP REFERENCE: JOG (A), 1501, NE 48-3

25X1

Photography  revealed that the Trong Quang Tien Railroad Bridge has been repaired and is serviceable. The by-pass bridge to the east remains serviceable.



~~SECRET~~

25X1

~~SECRET~~

PIR 75043

25X1

25X1

CIA IMAGERY ANALYSIS DIVISION

ITEM OF INTEREST NO. 6: Hanoi/Dong Hoi Rail Line

NAME: Thinh Lac RR Bridge

BE: [REDACTED]

COORDINATES: 19 40N - 105 42E XG741748

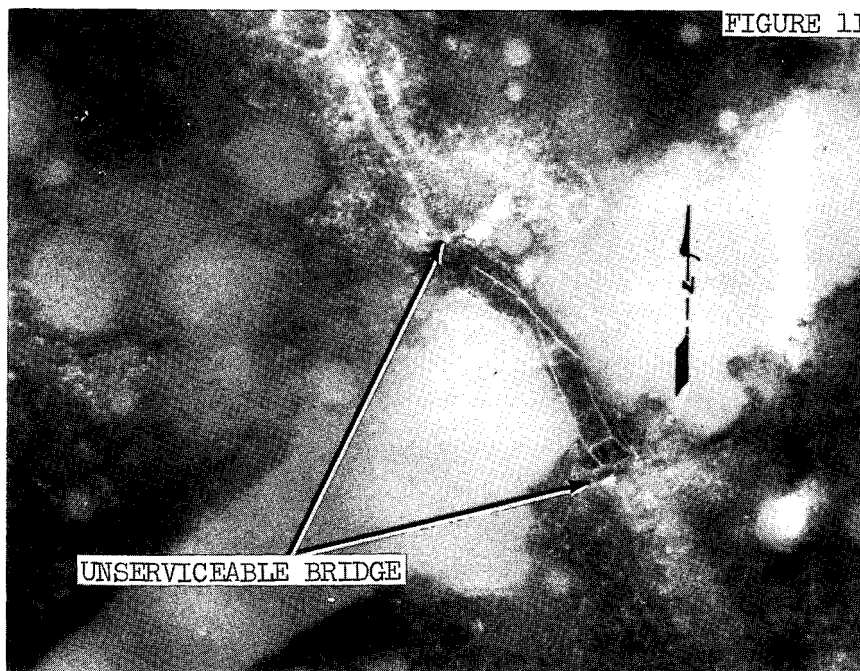
PHOTO REFERENCE: [REDACTED]

25X1

MAP REFERENCE: JOG (A), 1501, NE 48-3

25X1

Photography [REDACTED] revealed that the Thinh Loc Railroad Bridge is unserviceable. Three spans have been destroyed. The by-pass bridge continues to be serviceable.



~~SECRET~~

25X1



~~SECRET~~

PIR 75043

CIA IMAGERY ANALYSIS DIVISION

25X1

ITEM OF INTEREST NO. 7: Hanoi/Dong Hoi Rail Line

NAME: Thien Linh Dong RR Bridge

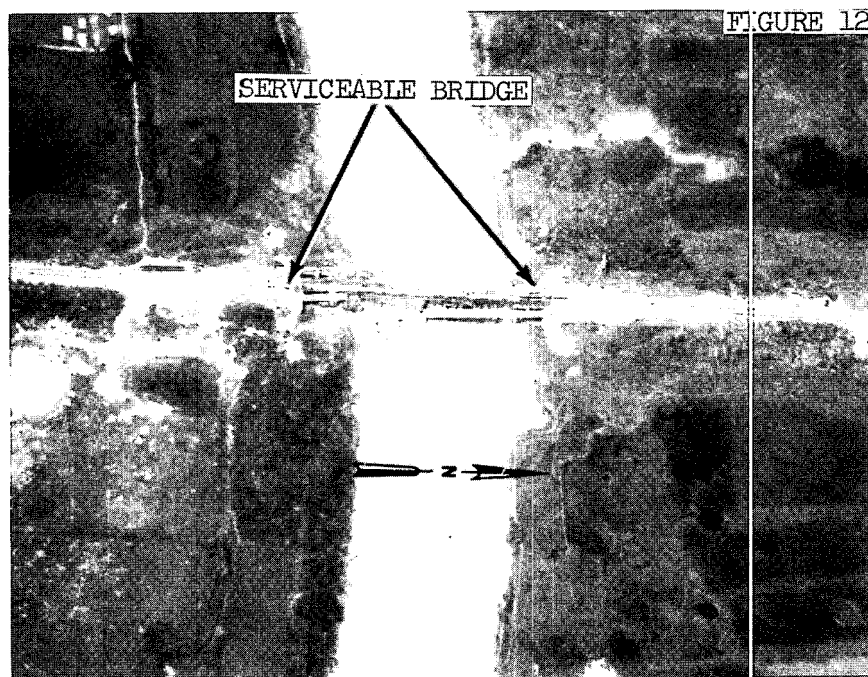
BE:

COORDINATES: 19 44N - 105 43E, XG 817746

PHOTO REFERENCE:

MAP REFERENCE: JOG (A), 1501, NE 48-12

Photography  revealed that the Thien Linh Dong Railroad Bridge has been repaired and is serviceable.



~~SECRET~~

25X1

ITEM OF INTEREST NO. 7 (Continued): Hanoi/Dong Hoi Rail Line

NAME: Thien Linh Dong RR By-pass Bridge

BE: NA

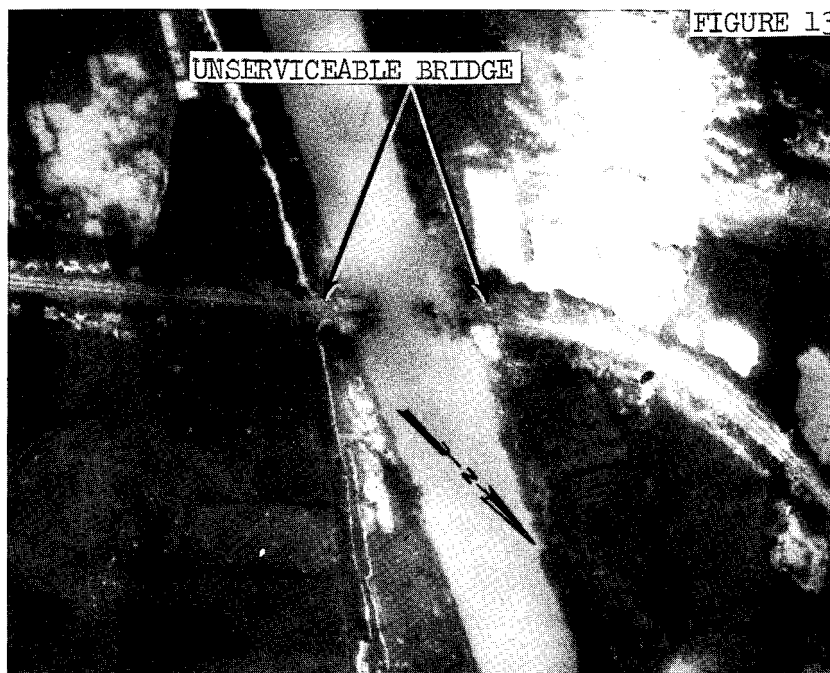
25X1 COORDINATES: 19 44N - 105 43E, XG 817746

PHOTO REFERENCE: [REDACTED]

MAP REFERENCE: JOG (A) 1501, NE 48-3

Photography [REDACTED] revealed that the Thien Ling Dong Railroad By-pass Bridge has been destroyed.

25X1



SECRET

PIR 75043

CIA IMAGERY ANALYSIS DIVISION

25X1

ITEM OF INTEREST NO. 8: Hanoi/Dong Hoi Rail Line

NAME: Dong Phuong Thuong RR By-pass Bridge West

BE:

COORDINATES: 19 58N - 105 49E, WH 863077

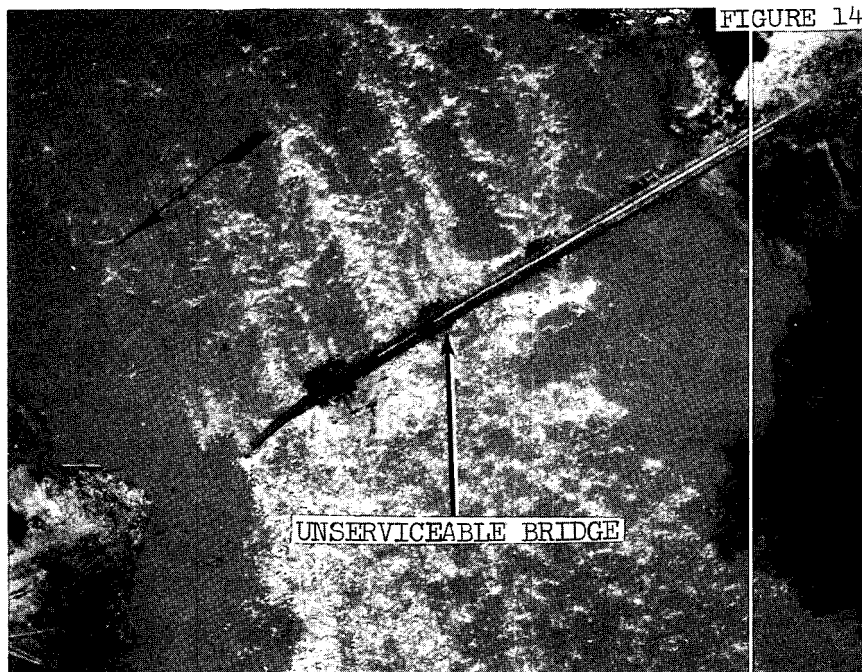
PHOTO REFERENCE:

25X1

MAP REFERENCE: JOG (A), 1501, NE 48-3

25X1

Photography  revealed that the Dong Phuong Thuong Railroad By-pass Bridge West has been bombed. Two spans and one pier have been destroyed. All rail crossing facilities at this river crossing are now unserviceable.



SECRET

25X1

~~SECRET~~

PIR 75043

25X1

CIA IMAGERY ANALYSIS DIVISION

ITEM OF INTEREST NO. 9: Hanoi/Dong Hoi Line

NAME: Vu Lam RR Bridge

BE:

25X1

COORDINATES: 20 12N - 105 58E, XH 013348

PHOTO REFERENCE:

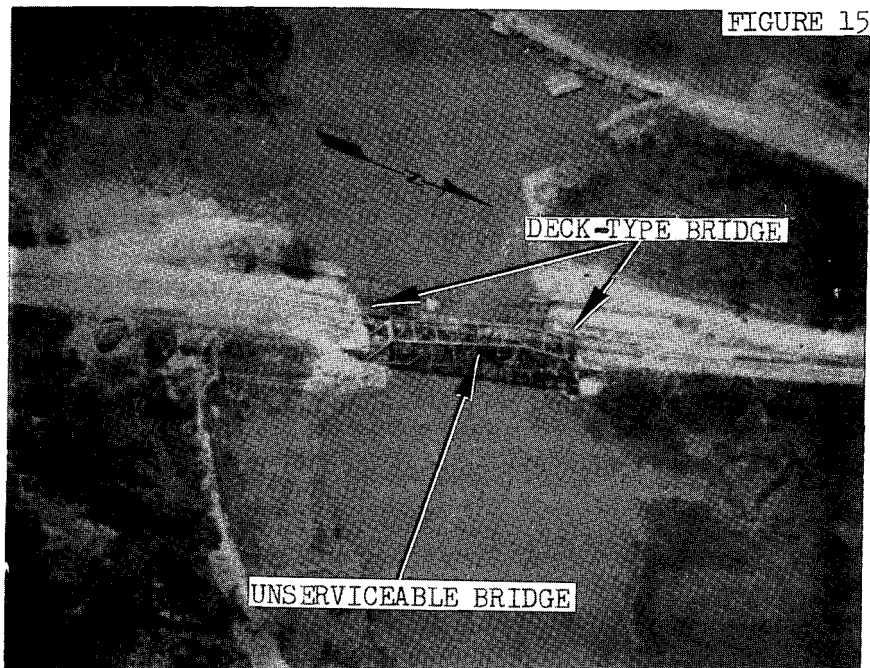
25X1

MAP REFERENCE: JOG (G), 1501, NF 48-15

Photography  revealed that the Vu Lam Railroad Bridge remains unserviceable.

25X1

A deck-type replacement bridge has been constructed adjacent to the destroyed bridge and is complete and serviceable.



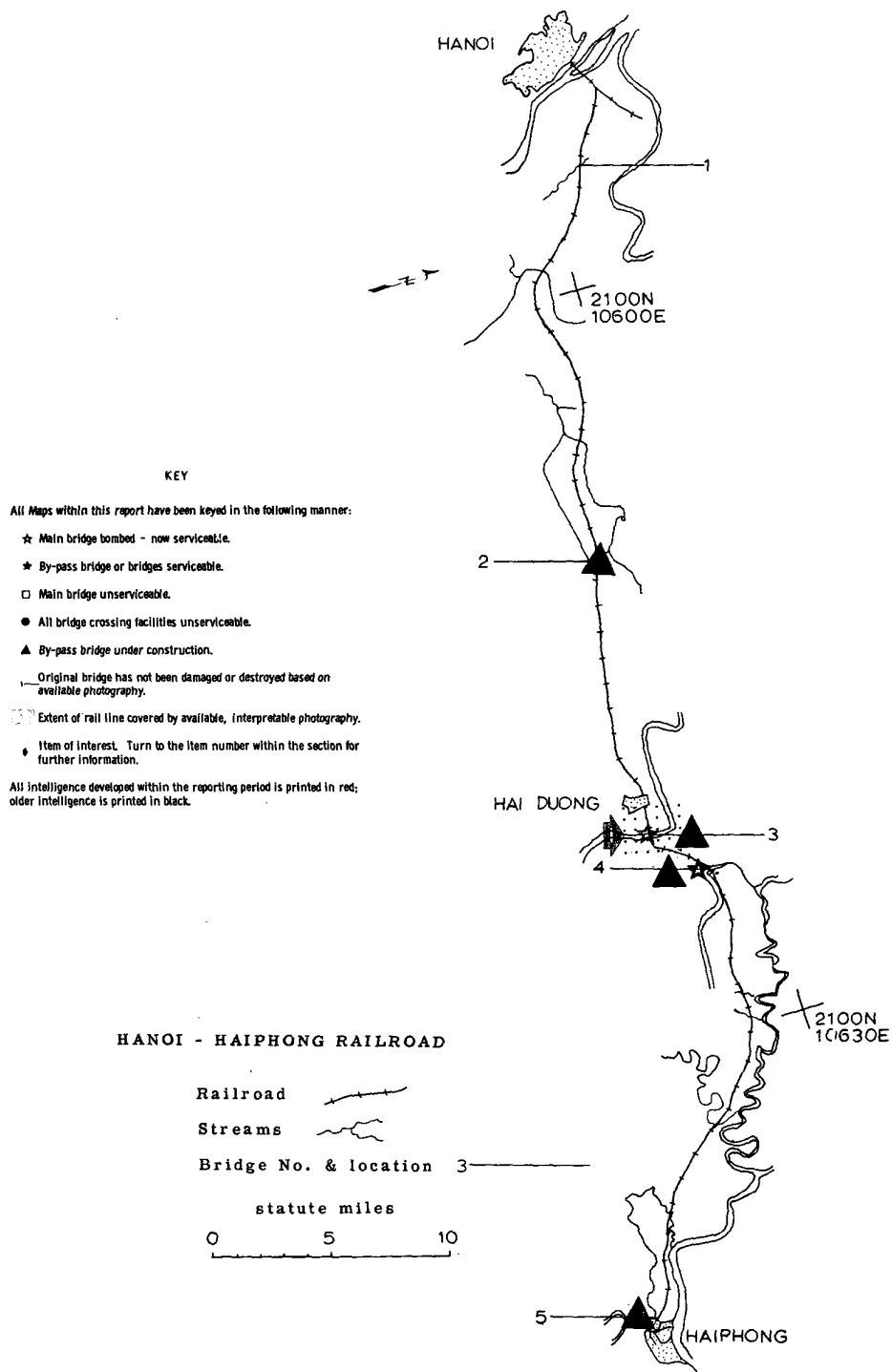
~~SECRET~~

25X1

SECRET

25X1

PIR 75043  
FIGURE 16



-18-

SECRET

SECRET

PIR 75043

25X1

CIA IMAGERY ANALYSIS DIVISION

ITEM OF INTEREST NO. 1: Hanoi/Haiphong Line

NAME: Hai Doung RR and Highway Bridge

25X1

BE:

COORDINATES: 20 56N - 106 21E, XJ 415163

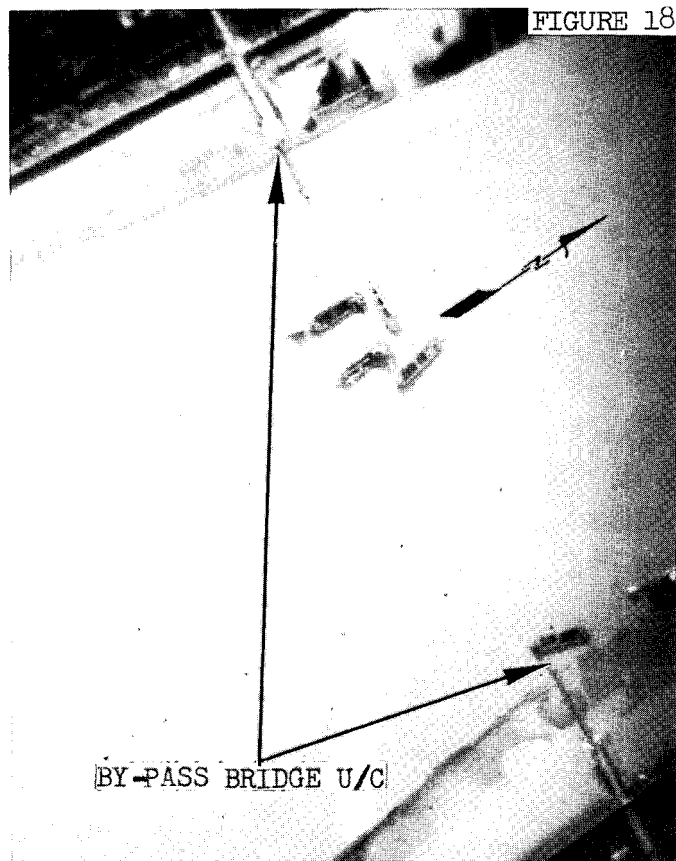
25X1

PHOTO REFERENCE:

MAP REFERENCE: JOG (G) 1501 NF 48-15

25X1

Photography  revealed that the Hai Duong Railroad and Highway Bridge has been repaired and is serviceable (Figure 17). Construction continues on the by-pass bridge to the north of the main bridge (Figure 18).



SECRET

25X1

SECRET

PIR75043  
FIGURE 19

25X1

KEY

All Maps within this report have been keyed in the following manner:

☆ Main bridge bombed - now serviceable.

★ By-pass bridge or bridges serviceable.

□ Main bridge unserviceable.

● All bridge crossing facilities unserviceable.

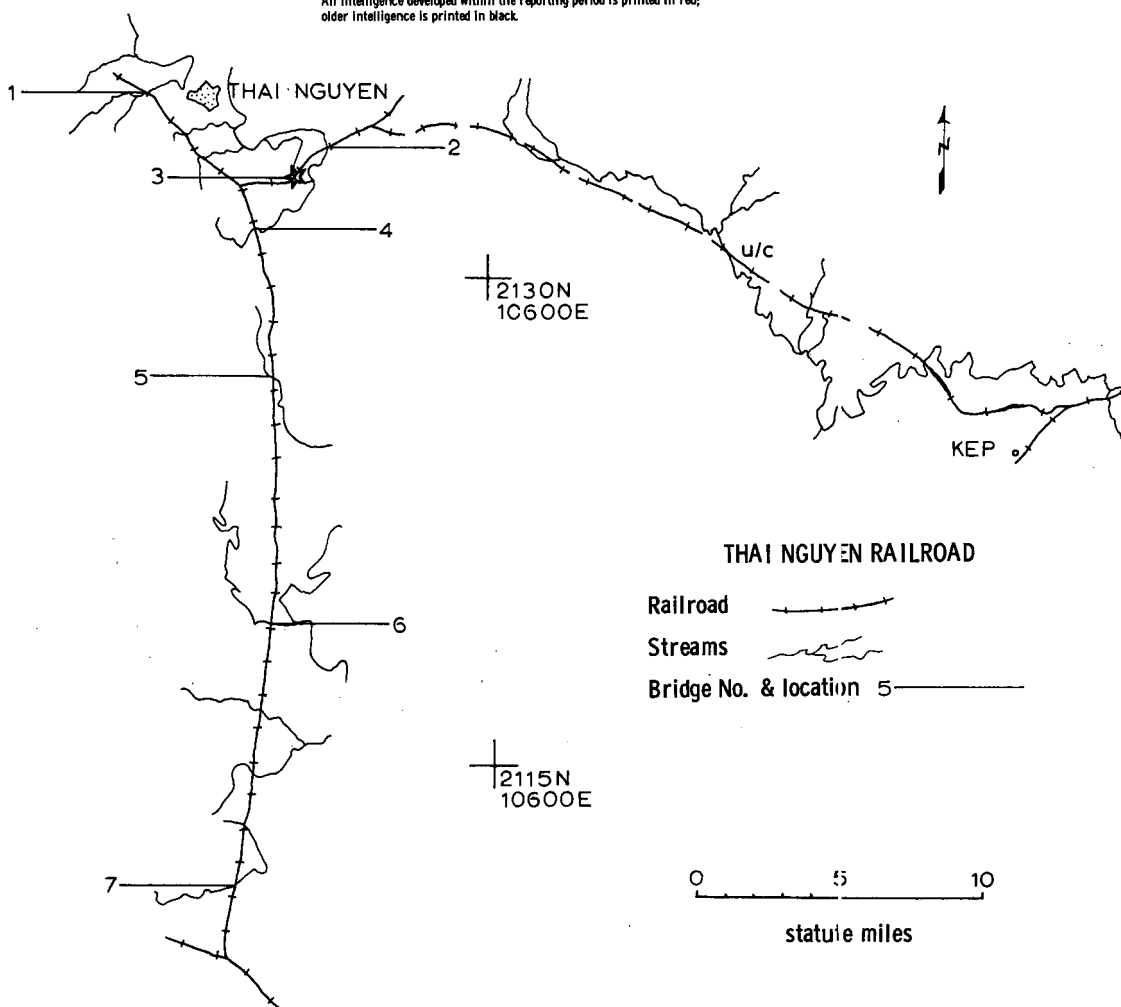
▲ By-pass bridge under construction.

— Original bridge has not been damaged or destroyed based on available photography.

Extent of rail line covered by available, interpretable photography.

◆ Item of interest. Turn to the item number within the section for further information.

All intelligence developed within the reporting period is printed in red; older intelligence is printed in black.



SECRET

25X1

25X1

Approved For Release 2003/03/04 : CIA-RDP78T05161A001200010025-9

Approved For Release 2003/03/04 : CIA-RDP78T05161A001200010025-9